

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	146	needle and (thickness same pain) and puncture	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/14 19:23
L5	24	"5242410"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/14 19:35
L6	15	(US-5951528-\$ or US-5593393-\$ or US-4552554-\$ or US-6375641-\$ or US-5078700-\$ or US-5226899-\$ or US-5453099-\$ or US-5968022-\$ or US-4588398-\$ or US-5425903-\$ or US-5895378-\$ or US-5104378-\$ or US-5060656-\$ or US-4781691-\$ or US-5242410-\$).did.	USPAT	OR	ON	2006/05/14 19:36
L7	14	l6 and diameter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/14 19:36
S1	5534	604/264	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 10:22
S2	2166	(604/264).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/16 10:37
S3	17	"4781691"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 10:22
S4	14	("3993079"   "4202332"   "4652256").PN. OR ("4781691").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 10:23
S5	0	"9276403"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 10:32
S6	22	S2 and (angle near taper)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 10:40

## EAST Search History

S7	1	S2 and (angle near shoulder)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 10:40
S8	71	S2 and (angle same taper)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 10:46
S9	141	S2 and (needle and taper)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 10:47
S10	662	S2 and degree	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 10:59
S11	208	needle and (taper near degree)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 10:59
S12	2	"09276403"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 15:13
S13	3	nievelt.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/16 15:13
S14	13	(US-4781691-\$ or US-6375641-\$ or US-5226899-\$ or US-5078700-\$ or US-5425903-\$ or US-5453099-\$ or US-5104378-\$ or US-5968022-\$ or US-5060656-\$ or US-5593393-\$ or US-4588398-\$ or US-5951528-\$ or US-5895378-\$).did.	USPAT	OR	ON	2006/05/02 15:25
S15	9	S14 and "mm"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/02 15:29
S17	2227	(604/264).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/02 15:30
S18	226	needle and (diameter same "mm") and (S17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/02 16:22

## EAST Search History

S19	93	(needle same (diameter same "mm")) and (S17)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/02 16:22
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